



Fact Sheet

US Army Engineer
Research and Development Center
Waterways Experiment Station

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Public Affairs Office • 3909 Halls Ferry Road • Vicksburg, MS 39180-6199 • (601) 634-2504 • <http://www.wes.army.mil>

Technical Support

Purpose: Provide technical support to agencies related to all aspects of airfield and pavement design, construction, evaluation, or other problem area needs.

Background: The Airfields and Pavements Division (APD) of the Geotechnical Laboratory at the US Army Engineer Waterways Experiment Station (WES) is the Department of Defense's lead pavements research laboratory for roadways, permanent airfields, contingency airfields, and railroads. The APD personnel have a wide range of expertise in the field of pavements. This expertise includes destructive and nondestructive pavement evaluation, pavement design and analysis, pavement materials characterization and utilization, construction guidance, failure investigations, numerical analysis and modeling, software development and graphics, and pavement repair and recycling, and forensic investigations.



Facts: The APD has and continues to provide technical assistance to various DOD agencies. The APD has the capability to perform all types of standard and specialized Marshall and SHRP asphalt and material tests. Analysis of modified asphalt binder and cementitious materials are also available. The APD can provide hot-mix asphalt and concrete pavement design development, analysis, and provide on-site assistance.



APD personnel can provide technical assistance for both hot-mix asphalt and concrete pavement rehabilitation or new construction. Computational assets from PCS through super computers are available to assist APD engineers in solving complex pavement analysis problems.

Point of Contact: For more information regarding technical support from the APD, contact Dr. David W. Pittman at (601) 634-3304 or e-mail at pittmad@wes.army.mil. General information on WES is available on the web site at <http://www.wes.army.mil>.